

Serial Number: 09/786,130

ENTERED

 Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was  the prior application data; or  other \_\_\_\_\_ Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_ Deleted extra, invalid, headings used by an applicant, specifically: Deleted:  non-ASCII "garbage" at the beginning/end of lines;  secretary initials/lastname at end of file;  page numbers throughout text;  other invalid text, such as \_\_\_\_\_ Inserted mandatory headings, specifically: \_\_\_\_\_ Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_ Other:

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/786,130

DATE: 08/22/2001  
TIME: 16:17:04

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\08222001\I786130.raw

PS

5 <110> APPLICANT: TORIGOE, Kakuji  
7 TANIAI, Madoka  
9 KURIMOTO, Masashi  
13 <120> TITLE OF INVENTION: INTERLEUKIN-18-BINDING PROTEIN  
17 <130> FILE REFERENCE: TORIGOE=4  
21 <140> CURRENT APPLICATION NUMBER: 09/786,130  
23 <141> CURRENT FILING DATE: 2001-03-01  
27 <150> PRIOR APPLICATION NUMBER: PCT/JP98/05186  
29 <151> PRIOR FILING DATE: 1998-11-18  
33 <150> PRIOR APPLICATION NUMBER: JP 247,588/98  
35 <151> PRIOR FILING DATE: 1998-09-01  
39 <150> PRIOR APPLICATION NUMBER: JP 327,914/98  
41 <151> PRIOR FILING DATE: 1998-11-18  
45 <160> NUMBER OF SEQ ID NOS: 72  
49 <170> SOFTWARE: PatentIn version 3.0  
53 <210> SEQ ID NO: 1  
55 <211> LENGTH: 164  
57 <212> TYPE: PRT  
59 <213> ORGANISM: Homo sapiens  
63 <400> SEQUENCE: 1  
65 Thr Pro Val Ser Gln Thr Thr Ala Ala Thr Ala Ser Val Arg Ser  
66 1 5 10 15  
68 Thr Lys Asp Pro Cys Pro Ser Gln Pro Pro Val Phe Pro Ala Ala Lys  
69 20 25 30  
71 Gln Cys Pro Ala Leu Glu Val Thr Trp Pro Glu Val Val Pro Leu  
72 35 40 45  
74 Asn Gly Thr Leu Ser Leu Ser Cys Val Ala Cys Ser Arg Phe Pro Asn  
75 50 55 60  
77 Phe Ser Ile Leu Tyr Trp Leu Gly Asn Gly Ser Phe Ile Glu His Leu  
78 65 70 75 80  
80 Pro Gly Arg Leu Trp Glu Gly Ser Thr Ser Arg Glu Arg Gly Ser Thr  
81 85 90 95  
83 Gly Thr Gln Leu Cys Lys Ala Leu Val Leu Glu Gln Leu Thr Pro Ala  
84 100 105 110  
86 Leu His Ser Thr Asn Phe Ser Cys Val Leu Val Asp Pro Glu Gln Val  
87 115 120 125  
89 Val Gln Arg His Val Val Leu Ala Gln Leu Trp Ala Gly Leu Arg Ala  
90 130 135 140  
92 Thr Leu Pro Pro Thr Gln Glu Ala Leu Pro Ser Ser His Ser Ser Pro  
93 145 150 155 160  
95 Gln Gln Gln Gly  
98 <210> SEQ ID NO: 2  
100 <211> LENGTH: 165  
102 <212> TYPE: PRT  
104 <213> ORGANISM: Mus musculus  
108 <400> SEQUENCE: 2  
110 Thr Ser Ala Pro Gln Thr Ala Thr Val Leu Thr Gly Ser Ser Lys

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111 1 5 10 15  
113 Asp Pro Cys Ser Ser Trp Ser Pro Ala Val Pro Thr Lys Gln Tyr Pro  
114 20 25 30  
116 Ala Leu Asp Val Ile Trp Pro Glu Lys Glu Val Pro Leu Asn Gly Thr  
117 35 40 45  
119 Leu Thr Leu Ser Cys Thr Ala Cys Ser Arg Phe Pro Tyr Phe Ser Ile  
120 50 55 60  
122 Leu Tyr Trp Leu Gly Asn Gly Ser Phe Ile Glu His Leu Pro Gly Arg  
123 65 70 75 80  
125 Leu Lys Glu Gly His Thr Ser Arg Glu His Arg Asn Thr Ser Thr Trp  
126 85 90 95  
128 Leu His Arg Ala Leu Val Leu Glu Leu Ser Pro Thr Leu Arg Ser  
129 100 105 110  
131 Thr Asn Phe Ser Cys Leu Phe Val Asp Pro Gly Gln Val Ala Gln Tyr  
132 115 120 125  
134 His Ile Ile Leu Ala Gln Leu Trp Asp Gly Leu Lys Thr Ala Pro Ser  
135 130 135 140  
137 Pro Ser Gln Glu Thr Leu Ser Ser His Ser Pro Val Ser Arg Ser Ala  
138 145 150 155 160  
140 Gly Pro Gly Val Ala  
141 165  
143 <210> SEQ ID NO: 3  
145 <211> LENGTH: 22  
147 <212> TYPE: PRT  
149 <213> ORGANISM: Homo sapiens  
153 <220> FEATURE:  
155 <221> NAME/KEY: misc\_feature  
157 <222> LOCATION: (6)..(8)  
158 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
161 <220> FEATURE:  
163 <221> NAME/KEY: misc\_feature  
165 <222> LOCATION: (11)  
166 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
169 <220> FEATURE:  
171 <221> NAME/KEY: misc\_feature  
173 <222> LOCATION: (13)  
174 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
177 <220> FEATURE:  
179 <221> NAME/KEY: misc\_feature  
181 <222> LOCATION: (16)..(17)  
182 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
186 <400> SEQUENCE: 3  
W--> 188 Thr Pro Val Ser Gln Xaa Xaa Xaa Ala Ala Xaa Ala Xaa Val Arg Xaa  
189 1 5 10 15  
W--> 191 Xaa Lys Asp Pro Cys Pro  
192 20  
194 <210> SEQ ID NO: 4  
196 <211> LENGTH: 9  
198 <212> TYPE: PRT

RAW SEQUENCE LISTING  
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Input Set : A:\Pto.amc  
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200 <213> ORGANISM: Homo sapiens  
204 <400> SEQUENCE: 4  
206 Gly Ser Thr Gly Thr Gln Leu Cys Lys  
207 1 5  
209 <210> SEQ ID NO: 5  
211 <211> LENGTH: 11  
213 <212> TYPE: PRT  
215 <213> ORGANISM: Homo sapiens  
219 <400> SEQUENCE: 5  
221 Glu Arg Gly Ser Thr Gly Thr Gln Leu Cys Lys  
222 1 5 10  
224 <210> SEQ ID NO: 6  
226 <211> LENGTH: 8  
228 <212> TYPE: PRT  
230 <213> ORGANISM: Homo sapiens  
234 <400> SEQUENCE: 6  
236 Leu Trp Glu Gly Ser Thr Ser Arg  
237 1 5  
239 <210> SEQ ID NO: 7  
241 <211> LENGTH: 15  
243 <212> TYPE: PRT  
245 <213> ORGANISM: Homo sapiens  
249 <220> FEATURE:  
250 <221> NAME/KEY: misc\_feature  
252 <222> LOCATION: (6)..(8)  
253 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
257 <400> SEQUENCE: 7  
W--> 259 Thr Pro Val Ser Gln Xaa Xaa Xaa Ala Ala Xaa Ala Xaa Val Arg  
260 1 5 10 15  
262 <210> SEQ ID NO: 8  
264 <211> LENGTH: 23  
266 <212> TYPE: PRT  
268 <213> ORGANISM: Homo sapiens  
272 <220> FEATURE:  
273 <221> NAME/KEY: misc\_feature  
275 <222> LOCATION: (14)  
277 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
280 <220> FEATURE:  
281 <221> NAME/KEY: misc\_feature  
283 <222> LOCATION: (17)..(18)  
284 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
288 <400> SEQUENCE: 8  
W--> 290 His Val Val Leu Ala Gln Leu Trp Ala Gly Leu Arg Ala Xaa Leu Pro  
291 1 5 10 15  
W--> 293 Xaa Xaa Gln Glu Ala Leu Pro  
294 20  
296 <210> SEQ ID NO: 9  
298 <211> LENGTH: 10  
300 <212> TYPE: PRT

RAW SEQUENCE LISTING  
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Input Set : A:\Pto.amc  
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302 <213> ORGANISM: Homo sapiens  
306 <220> FEATURE:  
308 <221> NAME/KEY: misc\_feature  
310 <222> LOCATION: (8)..(9)  
311 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
315 <400> SEQUENCE: 9  
W- 317 Ala Leu Val Leu Glu Gln Leu Xaa Xaa Ala  
318 1 5 10  
320 <210> SEQ ID NO: 10  
322 <211> LENGTH: 29  
324 <212> TYPE: PRT  
326 <213> ORGANISM: Homo sapiens  
330 <220> FEATURE:  
332 <221> NAME/KEY: misc\_feature  
333 <222> LOCATION: (13)..(15)  
335 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
338 <220> FEATURE:  
340 <221> NAME/KEY: misc\_feature  
341 <222> LOCATION: (17)..(18)  
343 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
345 <400> SEQUENCE: 10  
W- 347 Ala Leu Val Leu Glu Gln Leu Thr Pro Ala Leu His Xaa Xaa Xaa Phe  
348 1 5 10 15  
W- 350 Xaa Xaa Val Leu Val Asp Pro Glu Gln Val Val Gln Arg  
351 20 25  
353 <210> SEQ ID NO: 11  
355 <211> LENGTH: 12  
357 <212> TYPE: PRT  
359 <213> ORGANISM: Homo sapiens  
363 <220> FEATURE:  
365 <221> NAME/KEY: misc\_feature  
367 <222> LOCATION: (5)  
368 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
371 <220> FEATURE:  
373 <221> NAME/KEY: misc\_feature  
375 <222> LOCATION: (10)  
376 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
380 <400> SEQUENCE: 11  
W- 382 Gln Cys Pro Ala Xaa Glu Val Thr Trp Xaa Glu Val  
383 1 5 10  
385 <210> SEQ ID NO: 12  
387 <211> LENGTH: 7  
389 <212> TYPE: PRT  
391 <213> ORGANISM: Homo sapiens  
395 <400> SEQUENCE: 12  
397 Trp Glu Gly Ser Thr Ser Arg  
398 1 5  
400 <210> SEQ ID NO: 13  
402 <211> LENGTH: 6

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/786,130

DATE: 08/22/2001  
TIME: 16:17:04

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\08222001\I786130.raw

404 <212> TYPE: PRT  
406 <213> ORGANISM: Homo sapiens  
410 <400> SEQUENCE: 13  
412 Leu Val Asp Pro Glu Gln  
413 1 5  
415 <210> SEQ ID NO: 14  
417 <211> LENGTH: 7  
419 <212> TYPE: PRT  
421 <213> ORGANISM: Homo sapiens  
425 <400> SEQUENCE: 14  
427 Ile Glu His Leu Pro Gly Arg  
428 1 5  
430 <210> SEQ ID NO: 15  
432 <211> LENGTH: 4  
434 <212> TYPE: PRT  
436 <213> ORGANISM: Homo sapiens  
440 <400> SEQUENCE: 15  
442 His Val Val Leu  
443 1  
445 <210> SEQ ID NO: 16  
447 <211> LENGTH: 7  
449 <212> TYPE: PRT  
451 <213> ORGANISM: Homo sapiens  
455 <400> SEQUENCE: 16  
457 Glu Gln Leu Thr Pro Ala Leu  
458 1 5  
460 <210> SEQ ID NO: 17  
462 <211> LENGTH: 8  
464 <212> TYPE: PRT  
466 <213> ORGANISM: Homo sapiens  
470 <400> SEQUENCE: 17  
472 Ile Glu His Leu Pro Gly Arg Leu  
473 1 5  
475 <210> SEQ ID NO: 18  
477 <211> LENGTH: 6  
479 <212> TYPE: PRT  
481 <213> ORGANISM: Homo sapiens  
485 <220> FEATURE:  
487 <221> NAME/KEY: misc\_feature  
489 <222> LOCATION: (2)  
490 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
493 <220> FEATURE:  
495 <221> NAME/KEY: misc\_feature  
497 <222> LOCATION: (5)  
498 <223> OTHER INFORMATION: "Xaa" means an unidentified amino acid.  
502 <400> SEQUENCE: 18  
504 Tyr Xaa Leu Gly Xaa Gly  
505 1 5  
507 <210> SEQ ID NO: 19

Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/786,130

DATE: 08/22/2001  
TIME: 16:17:05

Input Set : A:\Pto.amc  
Output Set: N:\CRF3\08222001\I786130.raw

L:188 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7  
L:290 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8  
L:317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9  
L:347 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10  
L:382 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11  
L:504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
L:559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
L:583 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
L:623 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22  
L:655 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23  
L:694 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:726 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26  
L:749 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27  
L:803 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:1620 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:50  
L:1635 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:51  
L:1654 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:52  
L:1673 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:53  
L:1695 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:54  
L:1714 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:55  
L:1732 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:56  
L:1757 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:57  
L:1775 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:58  
L:1793 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:59  
L:1811 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:60  
L:1829 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:61  
L:1847 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:62  
L:1865 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:63  
L:1907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63  
L:1916 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:64  
L:1943 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64  
L:1952 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:65  
L:1978 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65  
L:1987 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:66  
L:2005 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:67  
L:2023 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:68  
L:2041 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:69  
L:2059 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:70  
L:2077 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:71  
L:2095 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:72